Index of Claims

| Application No. | Applicant(s) |  |
|-----------------|--------------|--|
| 09/955,472      | TO ET AL.    |  |
| Examiner        | Art Unit     |  |
| Khanh Dinh      | 2151         |  |

| Rejected | - | (Through numeral)<br>Cancelled |
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| Allowed  |   | Restricted                     |

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| Cla          | aim      |          |                 |          | -        | ate      | <del>,</del>  |         |    | ]      | Cla      | im           |                      | Dat   | <del></del>       |                  |       | Cla   | aim        |          |        |    | Date     | e               |          |          |           |
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|              |          | ١,       |                 |          |          |          |               |         |    | 2      |          | <del>-</del> |                      |   |                   |                  | 1     |       | al         |          |        |    |          |                 |          | - 1      |           |
| Final        | Original | 1/22/05  |                 | l        |          |          |               |         |    | ٠.     | Final    | Original     |                      |   |                   |                  |       | Final | Original   |          |        |    |          |                 |          |          |           |
| 证            | Ĕ        | 12       |                 | Į        |          |          |               | -       |    |        | iĒ       | انجّا        |                      |   |                   |                  |       | Œ     | Jri        |          |        |    |          |                 |          |          |           |
|              | $\Box$   | L.       | Ш               |          |          |          |               |         | ↓  |        |          |              |                      | $\perp$   | $\longrightarrow$ | $\perp$          |       |       |            |          |        | _  |          | Щ               | _        | _        | _         |
|              | 1        | V        | Ш               |          |          | _        | _             |         |    |        |          | 51           |                      |   |                   |                  |       |       | 101        | $\perp$  |        | 4_ | L        | Щ               | _        | _        |           |
| L            | 2        | V        | Щ               | _        | _        | _        |               |         | ╄  | l      |          | 52           | $\perp$              | _   |                   | $\perp$          | - (() |       | 102        | $\perp$  | $\bot$ | ╄- | ļ        | $\vdash$        | $\dashv$ | _        | _         |
| <u> </u>     | 3_       | V        | Ш               |          | _        | $\dashv$ | _             | $\perp$ | _  | 1,0    |          | 53           | $\bot$               |   | $\dashv$          | $\perp$          |       |       | 103        | $\dashv$ | $\bot$ | ↓_ | ļ        | $\sqcup$        | _        |          | _         |
| <u> </u>     | 4        | V        | Ш               | _        | _        | _        | _             | $\perp$ | 1  | j.t.   |          | 54           | +                    |   |                   | $\dashv$         | 14.   |       | 104        |          | +      | +  |          | Н               | -        |          |           |
|              | 5        | <b>V</b> | Ш               | _        |          | _        | _             | $\perp$ | ₩  |        |          | 55           |                      | _   |                   | $\dashv$         | ar .  |       | 105        | $\perp$  | +      | +  | ⊢        | $\vdash$        |          |          | $\dashv$  |
|              | 6        | <u> </u> | Ш               | _        | _        | -        | $\dashv$      | +       | 4— |        |          | 56           | _ -                  | _   | $\rightarrow$     |                  | 1 1   |       | 106        | _        |        | +  | $\vdash$ | $\vdash \vdash$ | $\dashv$ | $\dashv$ | $\dashv$  |
|              | 7        | V        | Ш               | _        | _        | 4        | _             | $\perp$ | -  | 4.4    |          | 57           |                      |   |                   | +                |       |       | 107        | +        | +      | +  | -        |                 | $\dashv$ | $\dashv$ | $\dashv$  |
|              | 8        | <b>V</b> | $\vdash$        | -        | $\dashv$ | -        | -             | -       | ╁— | 1 1    |          | 58           |                      |   | $\rightarrow$     |                  | 13    |       | 108        | +        | +      | -  | -        | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$  |
|              | 9        | V        | Н               | $\dashv$ | $\dashv$ | -        | -             |         | +  |        |          | 59           |                      | -   | $\dashv$          |                  |       |       | 109        | _        | +      | +  | -        | -               |          | $\dashv$ | $\dashv$  |
| <u> </u>     | 10       | 4        | $\vdash$        |          | -        | $\dashv$ | $\dashv$      | +       | -  |        | ļ        | 60           | +                    |   |                   | $\dashv$         | î., j |       | 110        | $\vdash$ | +      | +  | $\vdash$ | $\vdash \vdash$ |          |          |           |
|              | 11       | Z        | $\vdash \vdash$ | -        |          |          | -+            | +       | +  |        |          | 61           |                      | $-\!$ | $\dashv$          | $\dashv\dashv$   | 10.5  |       | 111        | $\vdash$ | +      | +  | $\vdash$ | ┝╌┤             | $\dashv$ | $\dashv$ | $\dashv$  |
|              | 12       | V        | $\vdash$        | -        |          | 4        | +             | +       | +  | 3 5    |          | 62<br>63     |                      | +   | $\dashv$          | $\dashv \dashv$  |       |       | 112<br>113 | $\vdash$ | +      | +  | -        |                 | -        |          | $\dashv$  |
| <u> </u>     | 13       | $\vdash$ | $\vdash$        |          | $\dashv$ |          | +             | +       | +  | D      |          |              |                      | +   | $\dashv$          | $\dashv$         |       |       | 113        | +        | +      | +- | $\vdash$ | $\vdash$        | $\dashv$ | $\dashv$ | ᅴ         |
| ├─           | 14<br>15 | ⊢        | $\vdash\vdash$  | -        | $\dashv$ |          | +             |         | +  |        |          | 64<br>65     |                      |   | $\dashv$          | $\dashv \vdash$  | 1     |       | 115        | $\vdash$ | +      | +  | $\vdash$ | $\vdash \vdash$ | $\dashv$ |          | $\dashv$  |
| -            | 16       | ┢        |                 | $\dashv$ | $\dashv$ |          |               | +       | ╁  | in the |          | 66           |                      |   | -                 | $\dashv\dashv$   |       |       | 116        |          | +-     | +- | $\vdash$ | Н               | $\dashv$ |          | $\dashv$  |
|              | 17       | ┢        | Н               | -        | -        | -        | +             |         | +  | 1      | _        | 67           | <del>-   -   -</del> |   | <del></del>       | $\dashv$         |       |       | 117        |          | +-     | ╁  |          | Н               | $\dashv$ |          | ᅱ         |
|              | 18       | ⊢        | -               | -        | -        |          | +             | +       | +  |        |          | 68           | <del>-    -</del>    | +   | $\rightarrow$     | $\dashv$         | 10    |       | 118        | $\vdash$ | +      | +  | $\vdash$ |                 | $\dashv$ | -        | $\dashv$  |
|              | 19       | ⊢        | $\vdash$        | $\dashv$ |          | $\dashv$ | +             | -       | +  |        |          | 69           |                      |   | -+-               | +                | Ť.    |       | 119        | $\vdash$ | ╌      | +  |          | Н               | ╛        | -        | ᅥ         |
| <b></b>      | 20       | ⊢        | Н               | -        | $\dashv$ | -        | +             |         | ┿  | Ä      |          | 70           | +                    | _   |                   | $\dashv$         | in.   |       | 120        | $\dashv$ | +      | +  |          | H               | +        | $\dashv$ | $\dashv$  |
|              | 21       |          | Н               | -        | -        | $\dashv$ | -+            | +       | +  |        |          | 71           | <del>-   -   -</del> | +-  | <del></del>       | $\dashv$         | in a  |       | 121        | +        | +      | +  | H        | Н               | $\dashv$ | $\dashv$ | $\dashv$  |
| <u> </u>     | 22       | ├—       | H               | $\dashv$ | $\dashv$ | $\dashv$ | +             | +       | +  |        |          | 72           |                      | +   | $\dashv$          |                  | 111   |       | 122        |          | +      | +  |          | Н               | -        | $\dashv$ | ᅱ         |
| <del></del>  | 23       | ├        | Н               | $\dashv$ | $\dashv$ | -+       | +             | +       | +  | 7      | $\vdash$ | 73           |                      |   |                   | $\dashv$         | 21    |       | 123        | -        | +      | +  | $\vdash$ | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$  |
| <u> </u>     | 24       | ⊢        | Н               | $\dashv$ | $\dashv$ | $\dashv$ | +             | +       | +  | å.     |          | 74           |                      |   | +                 | +                | 20    |       | 124        | _        | +-     | +  | -        | H               | $\dashv$ | $\dashv$ | 一         |
|              | 25       |          | Н               | $\dashv$ | +        | $\dashv$ | +             | +       | +  | 4      |          | 75           |                      | +   |                   |                  |       |       | 125        | +        | +      | +  | $\vdash$ | H               |          | $\dashv$ | ᅥ         |
|              | 26       | -        | ┝╌┤             |          | $\dashv$ | $\dashv$ | +             | +       | +  |        |          | 76           | -                    | $\dashv$  | -++               | +                |       |       | 126        |          | ╅      | +  | $\vdash$ | $\vdash$        | $\dashv$ | $\dashv$ | ヿ         |
|              | 27       | ⊢        | H               | $\dashv$ | $\dashv$ | -        | -             | +       | ╁  |        |          | 77           |                      | -   | +                 | +                | M     |       | 127        | -        | +      | ╁  | H        | $\vdash$        | +        | $\dashv$ | ㅓ         |
| <del> </del> | 28       | ┢        | $\vdash$        | -        | -        | $\dashv$ | +             | -       | +  |        |          | 78           | +                    | $\dashv$  | +                 | $\dashv$         |       |       | 128        | $\dashv$ | +      | ╁  |          | $\vdash$        | _        | $\dashv$ | ᅥ         |
|              | 29       | $\vdash$ | Н               | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$      | +       | +  | 57     |          | 79           |                      | _   |                   | +                |       |       | 129        |          | +      | ╁  | H        | H               | _        | $\dashv$ | ᅥ         |
|              | 30       |          | H               | -        | +        | $\dashv$ | +             | +       | +  |        |          | 80           | $\dashv$             | $\dashv$  |                   | +                | 3 or  |       | 130        | -+       | +      | +- | Н        | $\dashv$        | +        | $\dashv$ | $\dashv$  |
|              | 31       | <u> </u> |                 | $\dashv$ | $\dashv$ | $\dashv$ | +             | +       | 1  |        |          | 81           | +                    |   | -   -             | $\dashv \dashv$  |       | -     | 131        |          | +      | +- |          | $\dashv$        | _        | $\dashv$ | ᅥ         |
|              | 32       |          | H               | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$      | _       | 1  | 10     |          | 82           | $\neg$               | _   | 11                | $\top$           |       |       | 132        | $\neg$   | $\top$ | T  | H        | $\exists$       |          | 寸        | ᅥ         |
| T            | 33       |          | Ħ               | _        | _        | $\dashv$ | 十             | +       |    | 4      |          | 83           |                      |   | $\dashv \dashv$   | $\top$           |       |       | 133        |          |        |    | П        | T               | 寸        | _        | ヿ         |
|              | 34       |          | Ħ               | $\neg$   | $\neg$   | $\neg$   | 十             | $\top$  |    |        |          | 84           |                      |   | $\dashv \dashv$   |                  | 24    |       | 134        | $\top$   |        | †  | H        | т               |          |          | $\neg$    |
|              | 35       |          | $\Box$          | 寸        | _        | 寸        | $\neg$        |         | T  |        |          | 85           |                      | _   |                   | $\dashv \dashv$  | Ĺ,    |       | 135        |          | 1      |    | П        |                 |          |          | ヿ         |
|              | 36       | П        | П               | ┪        | $\dashv$ | ╛        | $\neg \vdash$ | ┰       | T  |        |          | 86           |                      | $\neg$  | $\dashv$          | $\neg \neg$      | 7     |       | 136        | $\neg$   | 1      | T  | П        | $\Box$          |          | $\neg$   |           |
|              | 37       |          | $\Box$          | ┪        | ╛        | ╛        | $\neg$        | $\top$  |    |        |          | 87           |                      |   |                   | $\neg \neg$      |       |       | 137        | $\neg$   | 1      | 1  | П        | П               |          | ヿ        | ヿ         |
|              | 38       |          |                 |          |          | _        |               | $\top$  |    |        |          | 88           |                      |   |                   |                  |       |       | 138        | $\neg$   | ╅      | T  |          | П               |          | T        | ヿ         |
|              | 39       |          |                 | _        | $\neg$   |          | $\neg$        | $\top$  |    | 10     |          | 89           |                      | $\top$  |                   |                  | 6 G   |       | 139        |          | 1      |    |          |                 | ヿ        | T        | ヿ         |
|              | 40       |          | П               | 寸        | 寸        | 7        | 十             |         |    | 2,4    |          | 90           |                      | $\neg$  |                   | $\neg \neg \neg$ | Ąį    |       | 140        | $\neg$   | Τ      | 1  | П        |                 | 寸        |          | ヿ         |
|              | 41       |          |                 | 一        |          |          |               |         |    | 10     |          | 91           |                      |   |                   |                  |       |       | 141        |          | T      |    | П        | $\Box$          |          |          | $\exists$ |
|              | 42       |          |                 | ╗        | 丁        |          |               |         |    |        |          | 92           |                      |   |                   |                  | 19    |       | 142        |          | T      |    | П        |                 | $\neg$   | $\neg$   | $\neg$    |
|              | 43       |          |                 |          |          |          |               | $\prod$ |    | 1000   |          | 93           |                      |   |                   |                  |       |       | 143        |          |        |    |          |                 |          | 丁        | $\Box$    |
|              | 44       |          |                 |          |          |          |               |         |    |        |          | 94           |                      |   |                   |                  |       |       | 144        |          |        |    |          |                 | $\Box$   |          | П         |
|              | 45       |          |                 | 丁        | 丁        |          |               |         |    |        |          | 95           |                      | $\Box$  |                   | $\Box\Box$       | 7.3   |       | 145        |          |        |    |          |                 |          |          | ╗         |
|              | 46       |          |                 | J        | J        | $\Box$   |               |         |    | ini.   |          | 96           |                      |   |                   |                  |       |       | 146        |          |        |    |          |                 |          |          | ╗         |
|              | 47       |          |                 | $\Box$   |          | $\prod$  | I             |         |    |        |          | 97           |                      |   | $\prod$           |                  |       |       | 147        |          |        |    |          |                 |          |          |           |
|              | 48       |          |                 | $\Box$   |          | $\Box$   | $\Box \Gamma$ |         |    |        |          | 98           |                      |   |                   | $\Box\Box$       |       |       | 148        | $\Box$   | Τ      | Г  |          |                 | $\Box$   | T        | $\Box$    |
|              | 49       |          |                 |          | $\Box$   | $\Box$   |               |         |    | 1.1    |          | 99           |                      |   |                   |                  |       |       | 149        |          | I      |    |          |                 |          |          | $\Box$    |
| oxdot        | 50       |          |                 |          | $\Box$   |          | $\Box$        |         |    | . ,    |          | 100          |                      |   |                   |                  |       |       | 150        |          | 1      |    |          | П               | Т        | Т        | ٦         |